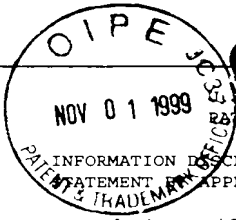


FORM PTO-1449  
(Rev. 2-32)



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Applicant Outtrup et al.

(Use several sheets if necessary)

Filing Date August 24, 1999

Group:1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
WO 97/00324		PCT				
WO 98/05748		PCT				
(CA 9/13/99 1449)						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CA 11	43	Takagi et al., Journal of Fermentation and BioEngineering, Vol. 81, pgs 557-559 (1996)
CA 11	44	Kim et al., Applied and Environmental Microbiology, Vol. 61, pgs. 3105-3112 (1995)
CA 11	44	Abstract of Japanese Patent No. JP9206073 A 1496

EXAMINER

*CA 11*

DATE CONSIDERED

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.